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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 1059 Press/Mis.

31-32

Dated 1 4 1869.

Not to be folded or roughly handled

Govt. of {1869} Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

4TH DIVISION.

&c., &c., &c.

Dated April, 1st.

Recd. *Encl.*

G. O., 1st *April* 1869, *No.* 1,059.

Proceedings of the Madras Government, Public Works Department,
1st April 1869.

No. 31. Read the following Proceedings of the Madras Government in the Public Department:—

Appointing a Commitee to report upon certain points in regard to the construction of a large Lock-Hospital for Native women.	(Here enter 22nd March 1869, No. 364.

No. 32. ORDER THEREON, 1st April 1869, No. 1,059.

CIVIL WORKS, No. 7.

Communicated to the Superintending Engineer of the 4th Division and to Mr. Chisholm for information and guidance.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 4th Division, with two Plans and one Sketch.
To R. F. Chisholm Esq., Executive Engineer.

Proceedings of the Madras Government, Public Departmnet, *22nd March* 1869.

No. 176. Read the following letter from Lieutenant Colonel J. BEAN, R. E., Executive Engineer in charge of the 4th Division, to the Secretary to Government, Public Works Department, Fort Saint George; dated Madras, 29th January 1869, No. 5166.

One Memorandum from Dr. Mackenzie, dated 26th January 1869.
One Sketch.
Two Plans.

G. O., Public Department, dated 9th December 1868, No. 1512, paragraph 4.

I have the honor to forward a reply to the Order of Government, paragraph 2, dated 22nd December 1868, No. 3998, directing me in communication with the Inspector General, Indian Medical Department, to submit a rough estimate of the cost of alterations and additions to the Mahal, built by the late Gholam Moortaza Khan, to adapt it for the purposes of a large Lock-Hospital.

2. I beg to enclose a Memorandum, dated 26th instant, drawn up by Dr. Mackenzie regarding the suitableness of the Mahal and surrounding property for the purposes of such a Hospital, as well as a sketch of the ground and plans of the building prepared by the Secretary to the Sanitary Commission and myself.

3. The Inspector General, it will be seen, condemns the building, and on professional grounds I would not advise the purchase of the Mahal for the purpose of adapting it as intended.

4. Though the building in portions is substantially built, there are evident signs of the outer rooms having settled either from defective foundation or other causes, and this settlement has caused cracks to open out across the floors and at the corners of the rooms where the main and crosswalls join each other.

5. These defects are more perceptible on the eastern side, and I have shown the portion of the cracks in the larger plan of the Mahal.

6. A great portion of the structure, and from closer examination than I had means to give, it may be found that all the walls are built of brick-in-clay instead of in chunam. Should the building be altered to suit the purposes intended, I would advocate the removal of the outer rooms, thus reducing the limited accommodation that can now be afforded, and I need scarcely say that the cost of this, as well as of the addition of another floor and completion of the building on the north and east faces, could be better applied towards the construction of a new building.

7. Should the Mahal, with its surrounding out-offices and detached bungalow, be purchased as a site for a large Hospital, the timber available could be used for the new structure. I believe that the roof of the bungalow, however, should the building be retained as quarters for a Matron and Nurses, as proposed by Dr. Mackenzie, will require to be renewed.

No. 27.

Memorandum by the Inspector General, Indian Medical Department.

Having carefully examined the Mahal of His Highness Prince Azeem Jah, and the surrounding property, in order to ascertain their suitability for use as a Lock-Hospital, I beg to submit the following observations for the consideration of Government :—

1. The whole of the area shown in Colonel Bean's plan would be required.

2. With the removal of some of the inner walls of the compound this space would give sufficient room for a large Hospital and its necessary subsidiary out-houses.

Proceedings of the Madras Government, Public Department, 22nd March 1869.

3. The "Bungalow," situated in the centre of one of the court-yards, would, with a few slight alterations, serve as a residence for the Matron and Nurses.

4. All the other out-buildings, except those at the southern extremity of the enclosure, should be removed. The latter could, at little expense, be converted into store-rooms, out-offices for the Matron, and an Apothceary's dispensing room, &c.

5. The main building is unfinished. The whole form of the structure is faulty, and entirely unsuited to an Hospital; and the principle of its construction has been repeatedly condemned by all Sanitary Authorities.

6. The central hall is 27 feet in height, and at the regulated space of 60 superficial square feet, and 800 cubic contents, for each inmate, it should accommodate eighteen cots. Owing, however, to the number of doorways, it could not receive more than fourteen, or double that number, if it were divided by a floor into an upper and a lower apartment.

7. The several apartments ventilate into one another; and patients occupying the leeward wall of the western side of the building at its widest part would have to breathe air contaminated by passing over *nine* cots, supposing one row of these to run along the eastern and western sides of each ward, and in no other way could the patients be accommodated.

8. The accompanying plan, showing the details of the Mahal as regards the relative size and position of all the rooms, has been prepared by Dr. Montgomery, whom, in the absence of the Saintary Commissioner, I associated with myself in the inspection; and who, at my request, also computed the accommodation which the building is capable of affording. He fully concurs in considering it unfit for Hospital purposes.

FORT SAINT GEORGE,
26th January 1869.

(Signed) W. MACKENZIE, M. D.,
Insp r. Genl., Indian Medl. Dept.

Transferred to the Public Department, with reference to the Order in that Department, No. 1512, of the 9th December 1868.

FORT SAINT GEORGE,
2nd February 1869.

(Signed) C. A. ORR, Colonel, R. E.,
Secy. to Govt., P. W. D.

No. 177. ORDER THEREON, 22nd March 1869, No. 364.

In their Order, No. 1512, dated 9th December 1868, the Government, with a view to its being hereafter necessary to establish a large Lock-Hospital for the use of Native patients, directed that inquiries be made, through the Government Agent, Chepauk, as to the price at which the Mahal at Triplicane, built by the late Gholam Moortaza Khan, could be purchased; and that a rough estimate be made in the Department of Public Works, in communication with the Inspector General, Indian Medical Department, of the alterations and additions required to adapt this building as an Hospital.

2. From the reports above recorded, it is observed that the Inspector General, Indian Medical Department, considers that the whole area of the Mahal should be taken up for the Lock-Hospital premises, one bungalow and some of the out-buildings being utilized for the Matron's house and store-rooms.

3. The main building, the Mahal, which is in an unfinished state is condemned by Doctor Mackenzie as totally unsuited, from its structure, for conversion into an hospital, and he is supported in this view by the Sanitary Commissioner. The unnecessarily lofty central hall is ill-adapted for a ward from its numerous doorways, and in its present state would, at the regulated standard of space, accommodate only fourteen cots. If it is divided into an upper and lower story, it would accommodate twenty-eight. The other apartments are equally ill-designed, and are objectionable as ventilating into each other.

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Proceedings of the Madras Government, Public Department, *22nd March* 1869.

4. The Superintending Engineer states that " though the building is in " portions substantially built, there are evident signs of the outer rooms having " settled either from defective foundation or other causes, and this settlement has " caused cracks to open out across the floors and at the corners of the rooms where " the main and crosswalls join each other." " A great portion of the building is " of brick and clay, not brick and chunam. The outer rooms would have to be " removed and the alterations would prove in the end unsatisfactory and more expen- " sive than a new building. Should the site be selected, and the property purchased, " the timber would be available for a new building."

5. Before arriving at any decision on the subject, His Excellency the Governor in Council resolves to appoint a Committee consisting of the Inspector General, Indian Medical Department, the Sanitary Commissioner, and Colonel Bean, the Superintending Engineer, 4th Division, to report upon—

1st.—The best form of construction for a Lock-Hospital for 250 Native women.

2nd.—The area required for this hospital and its subsidiary buildings.

3rd.—What sites, the property of Government, are available ; and the Committee will be able to obtain this information from the Collector of the Madras District.

4th.—Failing any sites, the property of Government, what other sites combining economy and a healthy locality are available for purchase, or for being taken under the Act.

6. The Government Architect, Mr. Chisholm, will also be associated with the Committee in view to the preparation of a plan and estimate of a suitable building for a Lock-Hospital.

(True Extract).

R. Ellis

Chief Secretary.

To the Inspector General, Indian Medical Department.
" Sanitary Commissioner.
" Public Works Department, with two plans and a sketch.
" Collector of the Madras District.

Exd. J. Wright.

P.W. 1869 Dept

Govt. of {1869} Madras

PUBLIC.

To — No 1278

THE INSPECTOR GENERAL,

INDIAN MEDICAL DEPARTMENT,

&c., &c., &c.

Dated March, 22nd.

Recd. — 31 Encl. 3.

G. O., 22nd March 1869, No. 364.

MARCH.

Nos. 176-177.

Appointing a Committee to report upon certain points in regard to the construction of a large Lock-Hospital for Native women.

With an order

No 1059 · 1st April 1869

Civil Works

No 1059.

Communicated to the Supg Engr of the 4 Divn and Dr. Chisholm for information and guidance —

Fort St. George
1st April /69

For the Supg Engr 4 Divn
R. F. Chisholm ... ...

M. S. desp. to both 1/4/69.
P. C. — 7/4/69

Ca 1278

Govt. of {1869} Madras.

PUBLIC WORKS.

To The Superintending Engr.,
4th Division

&c., &c., &c.

Dated

Recd. *Encl.*

G. O. 1st April 1869, No. 1059

Nos. 31-32

Lock-Hospital for Native Women at Madras. Procs. Pub. Depts regarding the construction of a Lock-Hospital for Native Women at Madras - Comd to the Offrs concerned.